

CALIBRATION and Continuing Calibration LOG

(FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000)

Meter ID: QD03629

1-6-06 version

Boldly "X" this box if there is qualified data on this page.

Date 8/2/11 Calibration Time (Pre Sample): 9:30 Post Sample Time: 10:00 on 8/3/11

Circle/Fill In:

Lab Calibration

or

Calibration on Site

Yes

Temperature (Monthly)

Date of Last Temperature Verification _____

Ice Bath: Probe _____ °C NIST _____ °C Warm Bath: Probe _____ °C NIST _____ °C

Pass or Fail
P F

Dissolved Oxygen

In Calibrate Mode

Initial Reading:

7.68 mg/L @ Temp. 27.90 °C % DO 97.9 (P) F

Calibrated Reading:

7.83 mg/L @ Temp. 28.50 °C % DO 100.9 (P) F

Pre Sample

Initial Calib. Verification:

7.71 8.03 mg/L @ Temp. 29.49 °C % DO 100.5 (P) F

Post Sample

Continuing Calib. Verification

7.63 mg/L @ Temp. 27.68 °C % DO 97.0 (P) F

Specific Conductance

In Calibrate Mode

Calibration:

Exp. Date 2008438 Lot # 2008438 Standard

02/12 2008438 1000

µmhos/cm

Initial Reading

1002

µmhos/cm

Calibrated Reading

994 (P) F

µmhos/cm

Pre Sample

Initial Calib. Verification:

09/12 2103755 100

µmhos/cm

102

µmhos/cm

(P) F

Post Sample

Continuing Calib. Verification

02/12 2008438 1000

µmhos/cm

1022

µmhos/cm

(P) F

pH

Standard Exp. Date

Lot #

Initial Reading

Temperature

Calibrated Reading

Temperature

In Calibrate Mode

In Calibrate Mode

7.00 SU 11/11 096106 7.05 SU 27.42 °C 6.99 SU 27.53 °C (P) F

Initial Calibration Verification:

In Read Mode

10.00 SU 11/12 107444 9.99 SU 27.92 °C (P) F

Continuing Calibration Verification:

7.00 SU 11/11 096106 7.02 SU 27.69 °C (P) F

Maintenance

Specific Conductance Probe Cleaned? Y N

Notes:

Dissolved Oxygen Membrane Changed? Y N

-part of Suw. River Nitrogen Loading Project

Site ID: Beauford

Spring

Project: SRG1107

Laura Hester

Print name of person performing calibrations.

Acceptance Criteria: (DO ± 0.3mg/l) (Specific Conductance ± 5%) (pH ± 0.2SU) (Temperature ± 0.2°C) Warm bath Appx. 40°C